

DIAGRAMMA PRESTAZIONI

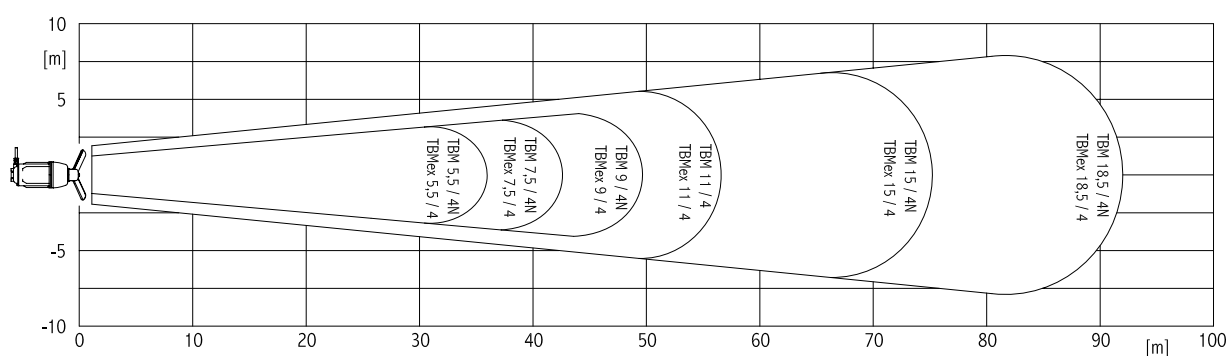
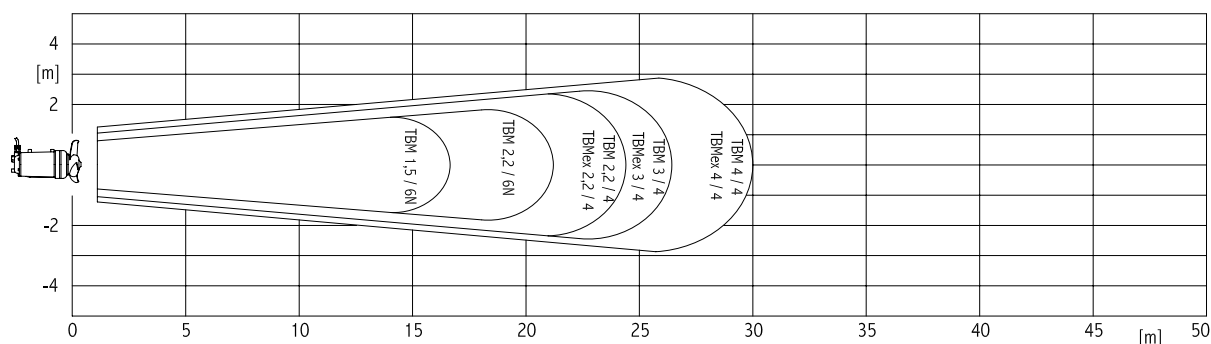
Estensione flusso per $v = 0,3$ m/s in acqua pulita

PERFORMANCE DIAGRAM

Flow extension for $v = 0,3$ m/s in clean water

DIAGRAMME PERFORMANCE

Extension du flux pour $v = 0,3$ m/s en eau propre



CARATTERISTICHE STANDARD

Motori elettrici asincroni trifase con rotore a gabbia di scoiattolo.
N°2 sonde termiche inserite nell'avvolgimento statorico.
In caso di temperatura superiore a 150°C le sonde interrompono l'alimentazione.
Grado di protezione "IP 68".
Isolamento classe "F".
Max profondità immersione 20 m.
Max contenuto sostanze solide in sospensione 12%.
Cavo sommergibile in neoprene H07-RN-F.
pH liquido 5 ÷ 12.
Max temperatura del liquido pompato 40° C.
Servizio continuo.

STANDARD FEATURES

Asynchronous threephase electric motors with squirrel cage rotor.
N.2 thermic probes installed in the stator winding.
In case the temperature exceeds 150°C to cut out power.
Protection "IP 68".
"F" class insulation.
Max submergence depth: 20 m.
Max solid content in the liquid: 12%.
Submersible H07-RN-F neoprene cable.
Fluid pH 5 - 12.
Max temperature of pumped liquid: 40°C.
Continuous service.

CARACTERISTIQUES STANDARD

Moteurs électriques asynchrones triphasé, rotor a cage d'ecureuil.
N°2 sondes thermiques incorporées dans l'enroulement du stator.
En cas de surchauffe supérieure à 150°C les sondes coupent l'alimentation.
Degré de protection "IP 68".
Isolement classe "F".
Max profondeur d'immersion 20 m.
Max contenu de substance solides en suspension 12%.
Max pH du liquide à relever 5 ÷ 12.
Cable submersible en neoprene H07-RN-F.
Max température du liquide pompe 40° C.
Service continu.

CARATTERISTICHE MOTORI TRIFASE - 50Hz- ALIMENTAZIONE 400 V ± 10%
 50 Hz - THREE-PHASE- MOTOR FEATURES - VOLTAGE RATING 400 V ± 10%
 CARACTERISTIQUES DES MOTEURS TRIPHASES - 50Hz - ALIMENTATION 400 V ± 10 %

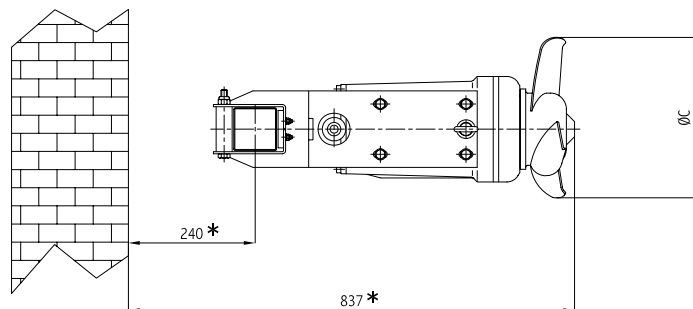
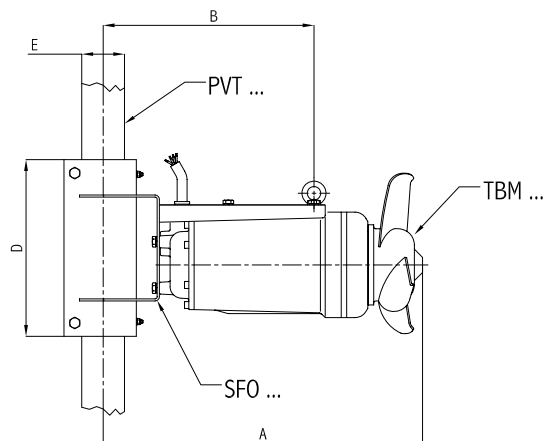
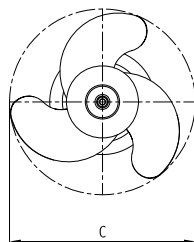
CARATTERISTICHE MISCELATORE
 MIXER CHARACTERISTICS
 CARACTERISTIQUES MELANGEUR

STANDARD	TIPO TYPE TYPE	POTENZA MOTORE MOTOR RATING PUISSANCE MOTEUR	AVVOLGIMENTI WINDINGS BOBINAGE	ASSORBIMENTO ABSORPTION INTENSIT�	CAVO ALIMENTAZIONE		FEEDING CABLE	CABLE D'ALIMENTATION	AVVIAMENTO		N� pale Blades N. Pales N.	Giri/min RPM T/min	Portata Capacity Debit	Spinta assiale* Axial force* Pouss�e axiale*			
	ATEX II 2G / Ex d IIB T4 Gb	[kW]	[V]	[A (400V)]	n�cavi n�cables n�cables	n�conduttori cavo x sezione n� of wires x size n� conducteurs cable x section	[mm�]	lunghezza cavo cable length longueur cable	[m]	diretto direct direct					� - �		
TBM 1,5 / 6N		1,5	230-400	4,2	1	9 x 1,5	10		�		3	925	643	230			
TBM 2,2 / 6N		2,2		5,9					�			940	876	313			
TBM 2,2 / 4	TBMex 2,2 / 4	2,2		5,3					�			323	1333	441			
TBM 3 / 4	TBMex 3 / 4	3		6,8					�			323	1581	580			
TBM 4 / 4	TBMex 4 / 4	4	400-690	9,1					9 x 2,5			�	� - �	2	320	2146	853
TBM 5,5 / 4N	TBMex 5,5 / 4	5,5		12,5								�	� - �		326	2391	981
TBM 7,5 / 4N	TBMex 7,5 / 4	7,5		15,8								�	� - �		328	3254	1520
TBM 9 / 4N	TBMex 9 / 4	9		19								�	� - �		328	3628	1826
TBM 11 / 4	TBMex 11 / 4	11		23,5		9 x 4						�	� - �		351	3977	2158
TBM 15 / 4N	TBMex 15 / 4	15		30								�	� - �		351	5335	2697
TBM 18,5 / 4N	TBMex 18,5 / 4	18,5		36								�	� - �		354	6884	3826
												�	� - �				

* Valori ricavati in accordo alla ISO 21630
 * The derived values are in agreement with ISO 21630
 * Les valeurs obtenues sont conformes   l'ISO 21630

TBM 1,5 / 6N

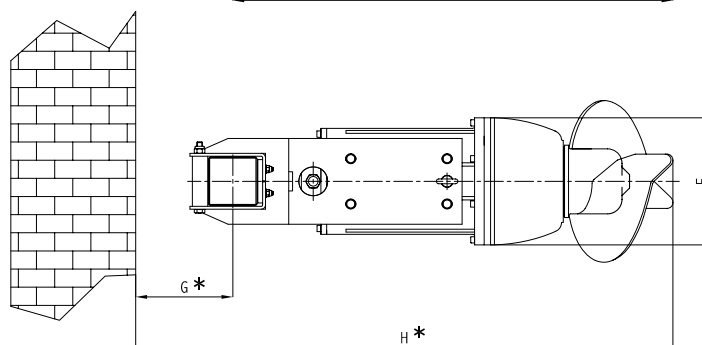
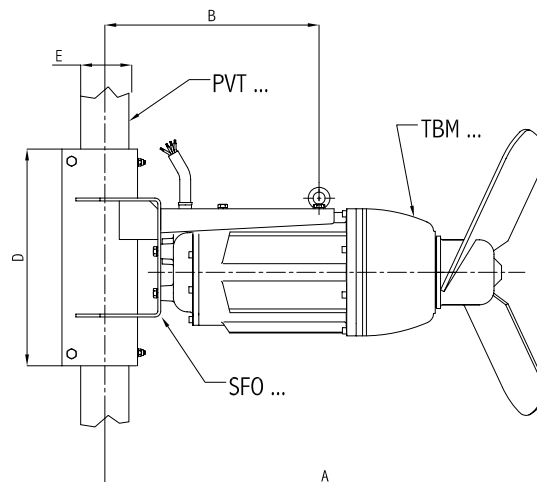
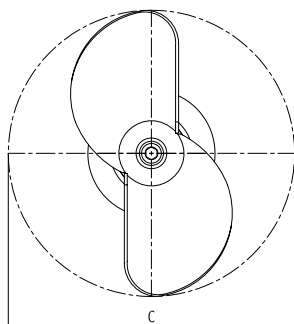
TBM 2,2 / 6N



TIPO TYPE TYPE	Motore Motor Moteur [kW]	DIMENSIONI INGOMBRO OVERALL DIMENSIONS DIMENSIONS D'ENCOMBREMENT [mm]					Peso Weight Poids [kg]
		A	B	C	D	∅ E	
TBM 1,5 / 6N	1,5	595	395	297	330	80x80	54
TBM 2,2 / 6N	2,2			347			57

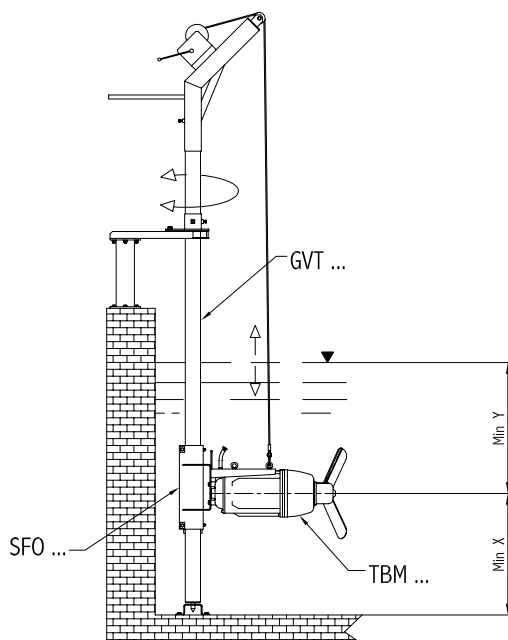
* TBM + PVT/GVT + SFO

TBM 2,2 / 4	TBM 5,5 / 4N	TBM 11 / 4
TBMex 2,2 / 4	TBMex 5,5 / 4	TBMex 11 / 4
TBM 3 / 4	TBM 7,5 / 4N	TBM 15 / 4N
TBMex 3 / 4	TBMex 7,5 / 4N	TBMex 15 / 4N
TBM 4 / 4	TBM 9 / 4	TBM 18,5 / 4N
TBMex 4 / 4	TBMex 9 / 4	TBMex 18,5 / 4N

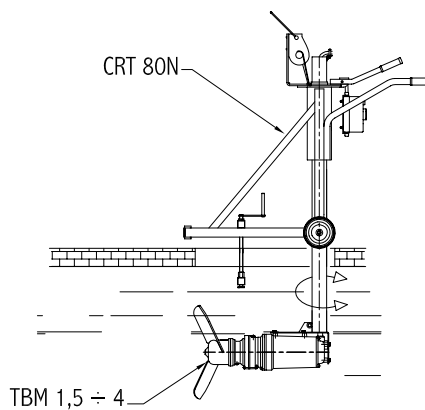
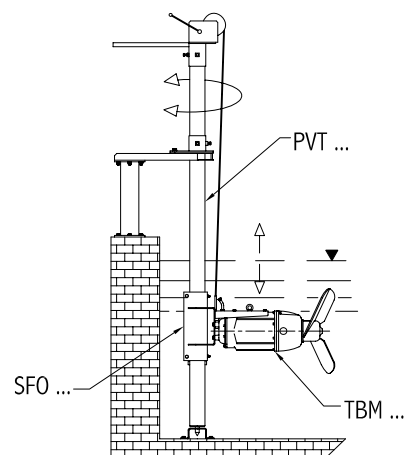
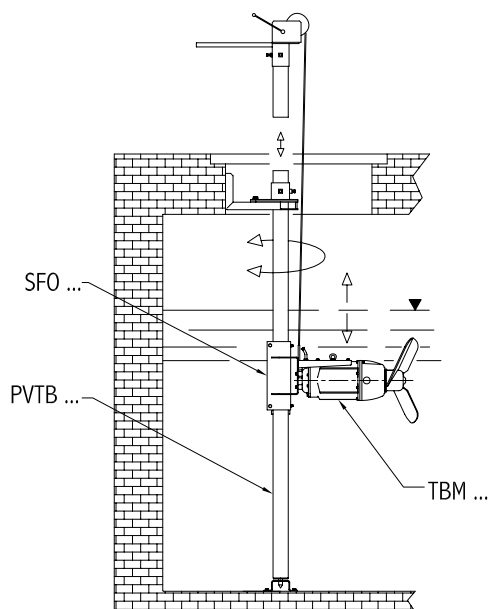


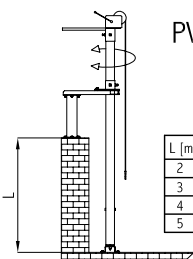
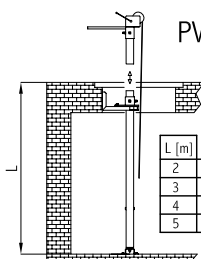
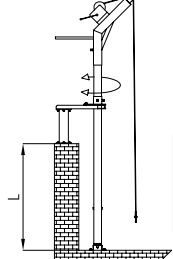
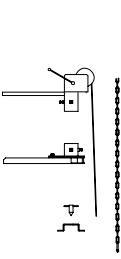
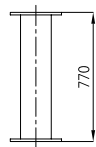
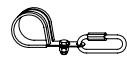

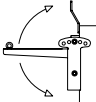
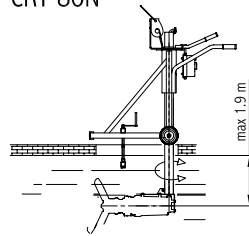
TIPO TYPE TYPE	Motore Motor Moteur	DIMENSIONI INGOMBRO OVERALL DIMENSIONS DIMENSIONS D'ENCOMBREMENT [mm]								Peso Weight Poids [kg]
		A	B	C	D	E	F	G *	H *	
TBM 2,2 / 4	2,2	820	395	445	330	80x80	197	240	1060	75
TBMex 2,2 / 4										77
TBM 3 / 4	3	830	395	460	330	80x80	197	240	1070	78
TBMex 3 / 4										80
TBM 4 / 4	4	840	395	515	330	80x80	197	240	1080	81
TBMex 4 / 4										83
TBM 5,5 / 4N	5,5	889	445	535	450	100x100	264	250	1139	109
TBMex 5,5 / 4										112
TBM 7,5 / 4N	7,5	903	445	585	450	100x100	264	250	1153	115
TBMex 7,5 / 4										118
TBM 9 / 4N	9	914	445	595	450	100x100	264	250	1164	123
TBMex 9 / 4										126
TBM 11 / 4	11	1035	445	600	450	100x100	264	250	1285	183
TBMex 11 / 4										187
TBM 15 / 4N	15	1030	505	720	550	100x100	310	250	1280	193
TBMex 15 / 4										197
TBM 18,5 / 4N	18,5	1045	505	780	550	100x100	310	250	1295	203
TBMex 18,5 / 4										207

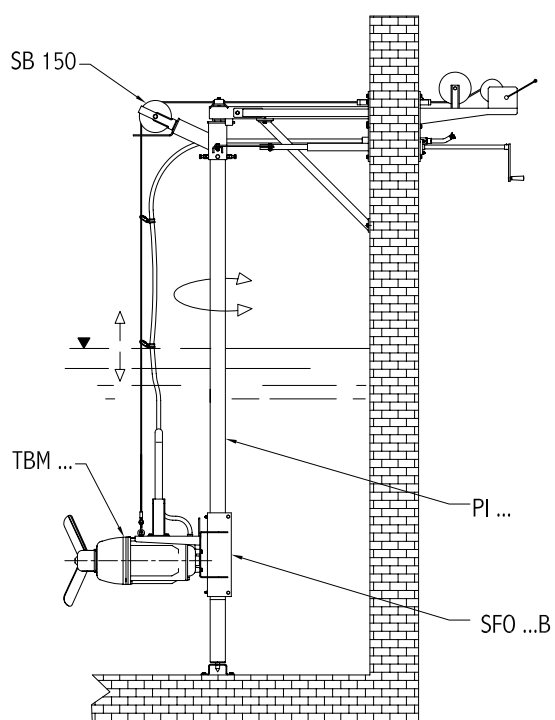
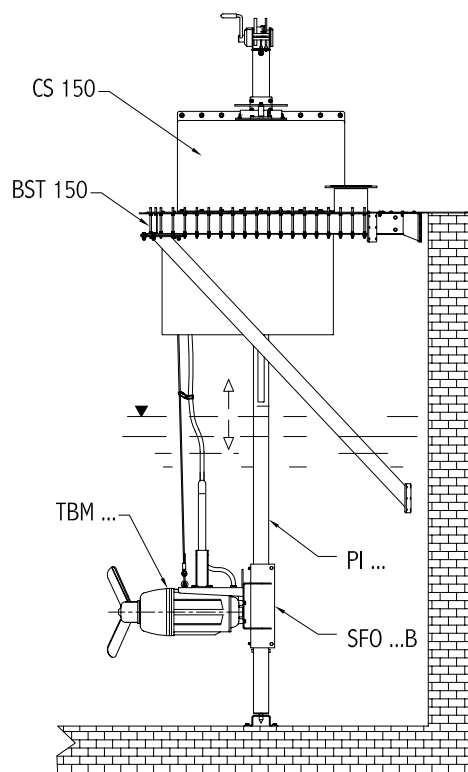
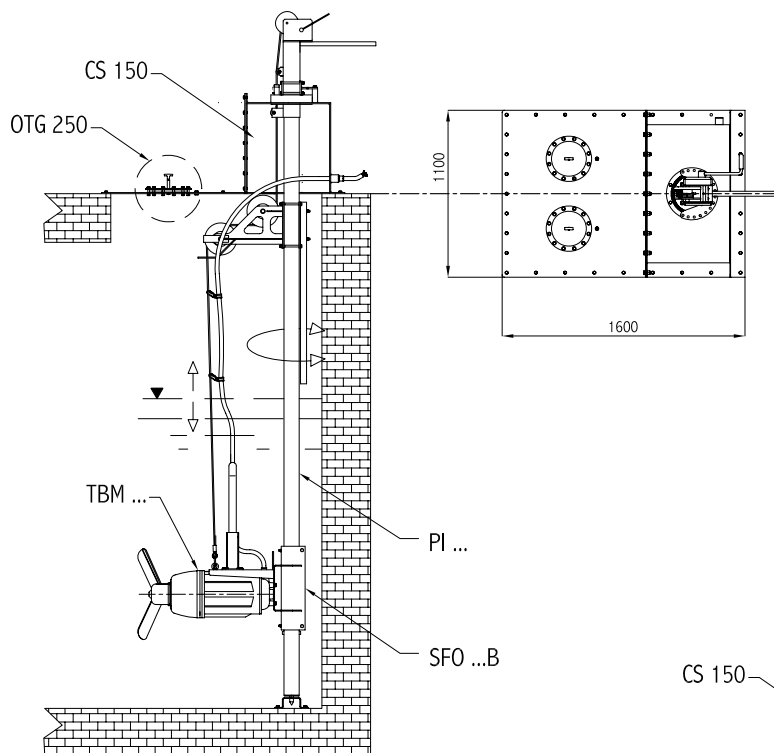
* TBM + PVT/GVT + SFO

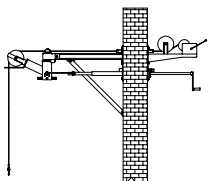
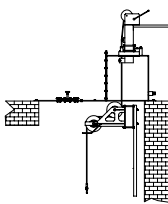
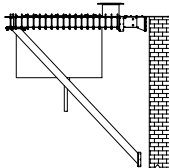
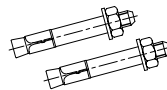


SOMMERGENZA MINIMA RACCOMANDATA RECOMMENDED MINIMUM SUBMERGENGE RECOMMANDÉ SUBMERSION MINIMUM				[mm]	
TIPO	TYPE	TYPE		Min X	Min Y
TBM 1,5 / 6N				500	600
TBM 2,2 / 6N					
TBM 2,2 / 4		TBMex 2,2 / 4		500	700
TBM 3 / 4		TBMex 3 / 4			
TBM 4 / 4		TBMex 4 / 4			
TBM 5,5 / 4N		TBMex 5,5 / 4		670	750
TBM 7,5 / 4N		TBMex 7,5 / 4			
TBM 9 / 4N		TBMex 9 / 4			
TBM 11 / 4		TBMex 11 / 4		710	850
TBM 15 / 4N		TBMex 15 / 4			
TBM 18,5 / 4N		TBMex 18,5 / 4			

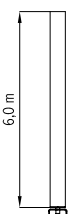
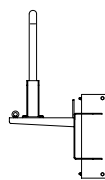
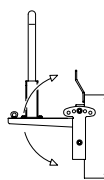
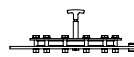
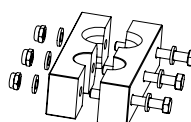


		ACCESSORI	ACCESSOIRES	ACCESSOIRES																														
TIPO TYPE TYPE	Paranco con verricello e tubo guida Hoist winch and rail pipe Treuil poulie et barre de guidage			Kit di sollevamento Lifting kit Kit de levage																														
	 PVT <table border="1"><tr><td>L [m]</td><td>PVT.. / 2</td></tr><tr><td>2</td><td>PVT.. / 5</td></tr><tr><td>3</td><td>PVT.. / 5</td></tr><tr><td>4</td><td>PVT.. / 5</td></tr><tr><td>5</td><td>PVT.. / 5</td></tr></table>	L [m]	PVT.. / 2	2	PVT.. / 5	3	PVT.. / 5	4	PVT.. / 5	5	PVT.. / 5	 PVTB <table border="1"><tr><td>L [m]</td><td>PVTB.. / 2</td></tr><tr><td>2</td><td>PVTB.. / 5</td></tr><tr><td>3</td><td>PVTB.. / 5</td></tr><tr><td>4</td><td>PVTB.. / 5</td></tr><tr><td>5</td><td>PVTB.. / 5</td></tr></table>	L [m]	PVTB.. / 2	2	PVTB.. / 5	3	PVTB.. / 5	4	PVTB.. / 5	5	PVTB.. / 5	 GVT <table border="1"><tr><td>L [m]</td><td>GVT.. / 2</td></tr><tr><td>2</td><td>GVT.. / 5</td></tr><tr><td>3</td><td>GVT.. / 5</td></tr><tr><td>4</td><td>GVT.. / 5</td></tr><tr><td>5</td><td>GVT.. / 5</td></tr></table>	L [m]	GVT.. / 2	2	GVT.. / 5	3	GVT.. / 5	4	GVT.. / 5	5	GVT.. / 5	 KIT
L [m]	PVT.. / 2																																	
2	PVT.. / 5																																	
3	PVT.. / 5																																	
4	PVT.. / 5																																	
5	PVT.. / 5																																	
L [m]	PVTB.. / 2																																	
2	PVTB.. / 5																																	
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4	PVTB.. / 5																																	
5	PVTB.. / 5																																	
L [m]	GVT.. / 2																																	
2	GVT.. / 5																																	
3	GVT.. / 5																																	
4	GVT.. / 5																																	
5	GVT.. / 5																																	
TBM 1,5 / 6N	PVT 80 / ...	PVTB 80 / ...	GVT 80 / ...	KIT 80																														
TBM 2,2 / 6N																																		
TBM 2,2 / 4																																		
TBMex 2,2 / 4																																		
TBM 3 / 4																																		
TBMex 3 / 4																																		
TBM 4 / 4																																		
TBMex 4 / 4																																		
TBM 5,5 / 4N	PVT 100 / ...	PVTB 100 / ...	GVT 100 / ...	KIT 100																														
TBMex 5,5 / 4																																		
TBM 7,5 / 4N																																		
TBMex 7,5 / 4																																		
TBM 9 / 4N																																		
TBMex 9 / 4																																		
TBM 11 / 4																																		
TBMex 11 / 4																																		
TBM 15 / 4N	PVT 150 / ...	PVTB 150 / ...	GVT 150 / ...	KIT 150																														
TBMex 15 / 4																																		
TBM 18,5 / 4N																																		
TBMex 18,5 / 4																																		
TBMex 18,5 / 4																																		
TIPO TYPE TYPE	Piantone Spacer Colonne	Fermacavo Cable stop Arrêt de câble	Staffa motore Motor bracket Console du moteur	Staffa motore inclinabile Adjustable motor bracket Console réglable du moteur	Carrello per pozzetti Trolley Chariot																													
	PT 	FC 	SFO 	SRO 	CRT 80N 																													
TBM 1,5 / 6N	PT 80	FC 16	SFO 80	CRT 80N																													
TBM 2,2 / 6N																																		
TBM 2,2 / 4																																		
TBMex 2,2 / 4																																		
TBM 3 / 4																																		
TBMex 3 / 4																																		
TBM 4 / 4																																		
TBMex 4 / 4																																		
TBM 5,5 / 4N	PT 100	FC 20	SFO 100	SRO 100																													
TBMex 5,5 / 4																																		
TBM 7,5 / 4N																																		
TBMex 7,5 / 4																																		
TBM 9 / 4N																																		
TBMex 9 / 4																																		
TBM 11 / 4		FC 26	SFO 150	SRO 150																														
TBMex 11 / 4																																		
TBM 15 / 4N																																		
TBMex 15 / 4																																		
TBM 18,5 / 4N																																		
TBMex 18,5 / 4																																		

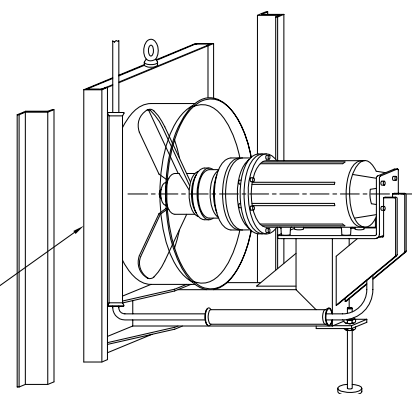
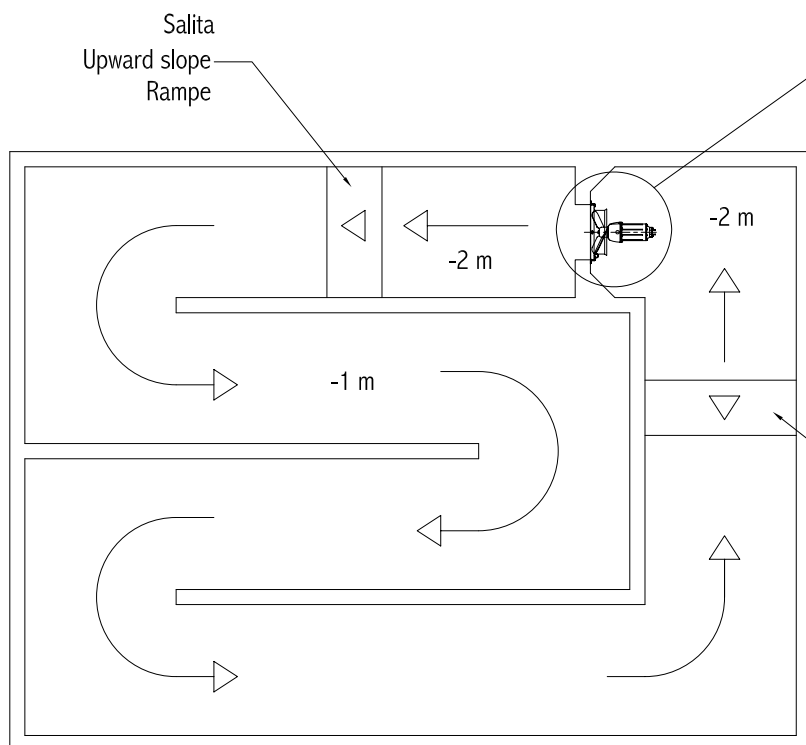


		ACCESSORI PER BIOGAS		BIOGAS ACCESSORIES		ACCESSOIRES POUR BIOGAZ	
TIPO TYPE TYPE	Staffa per biogas Biogas bracket Étrier pour biogas		Cassonetto di servizio Service box Caisson de service		Balcone per teloni Balcony for gasholder Balcon pour bâche		Kit tasselli di fissaggio Fixing plugs kit Kit tampons de fixation
	SB 150		CS150		BST150		KIT BST150
							

TBM 1,5 / 6N	SB 150		CS150		BST150		KIT BST150
TBM 2,2 / 6N							
TBM 2,2 / 4							
TBMex 2,2 / 4							
TBM 3 / 4							
TBMex 3 / 4							
TBM 4 / 4							
TBMex 4 / 4							
TBM 5,5 / 4N	SB 150		CS150		BST150		KIT BST150
TBMex 5,5 / 4							
TBM 7,5 / 4N							
TBMex 7,5 / 4							
TBM 9 / 4N							
TBMex 9 / 4							
TBM 11 / 4							
TBMex 11 / 4							
TBM 15 / 4N							
TBMex 15 / 4							
TBM 18,5 / 4N							
TBMex 18,5 / 4							

TIPO TYPE TYPE	Tubo guida Rail pipe TUBE de guidage		Staffa motore per biogas Biogas motor bracket Console moteur pour biogas		Staffa motore inclinabile Adjustable motor bracket Console réglable du moteur		Oblo con tergivetro Porthole with squeegee Hublot		Fermacavo Cable stop Arrêt de câble	
	PI		SFO ...B		SRO ...B		OTG 250		FC ...B	
										
	
TBM 1,5 / 6N	PI 100		SFO 100B		SRO 100B		OTG 250		FC 20B	
TBM 2,2 / 6N										
TBM 2,2 / 4										
TBMex 2,2 / 4										
TBM 3 / 4										
TBMex 3 / 4										
TBM 4 / 4										
TBMex 4 / 4										
TBM 5,5 / 4N	PI 150		SFO 150B		SRO 150B		OTG 250		FC 26B	
TBMex 5,5 / 4										
TBM 7,5 / 4N										
TBMex 7,5 / 4										
TBM 9 / 4N										
TBMex 9 / 4										
TBM 11 / 4										
TBMex 11 / 4										
TBM 15 / 4N										
TBMex 15 / 4										
TBM 18,5 / 4N										
TBMex 18,5 / 4										

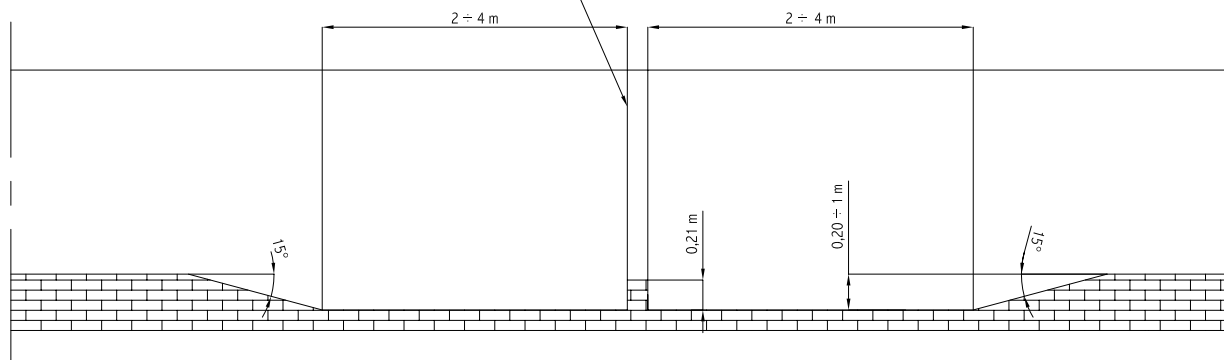
Esempio di applicazione in un circuito a slalom
Application in a slalom system circuit
Application sur un circuit slalom

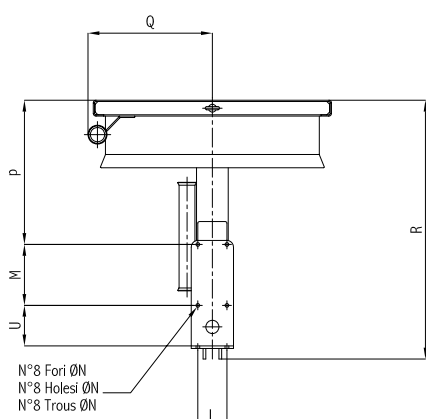
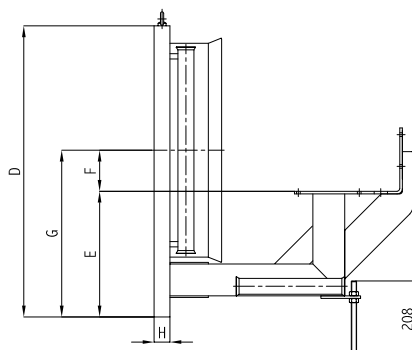
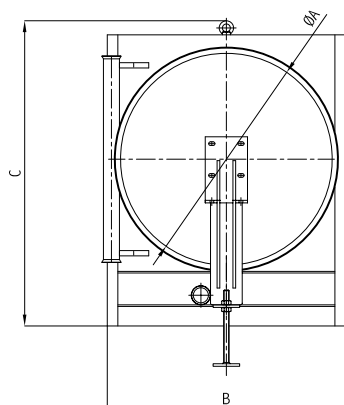


Corsie da applicare al muro
Rail guides
Barres de guidage

Discesa
Slope
Descente

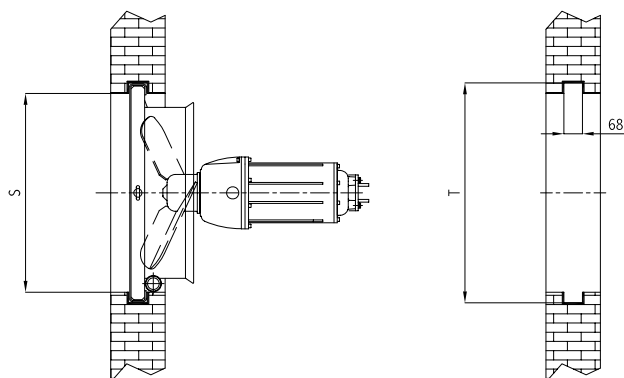
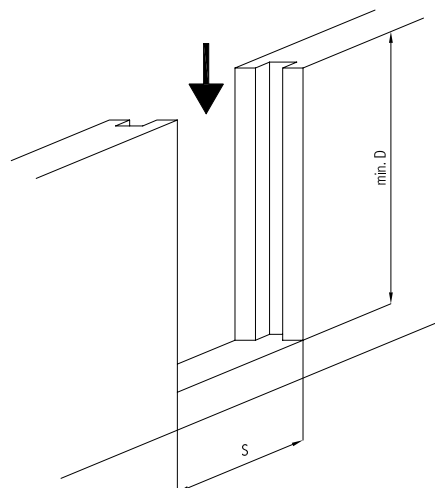
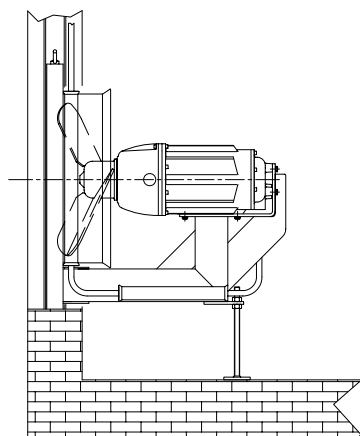
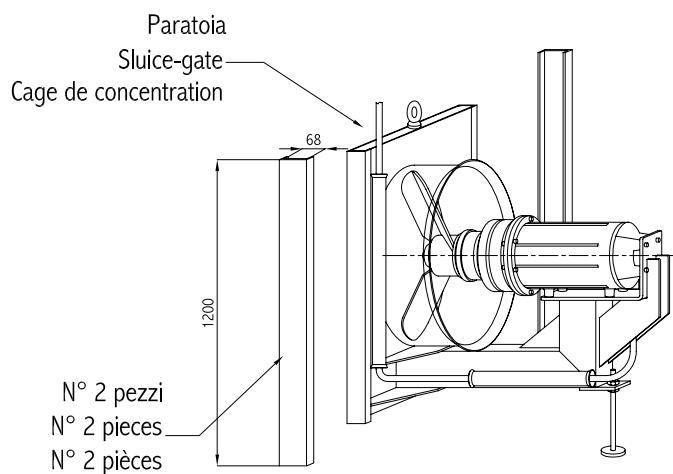
Paratoia
Sluice-gate
Cage de concentration



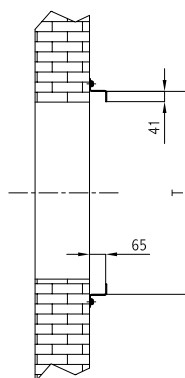
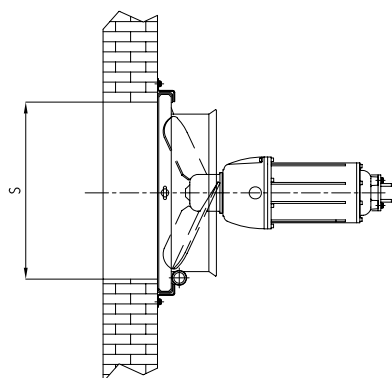
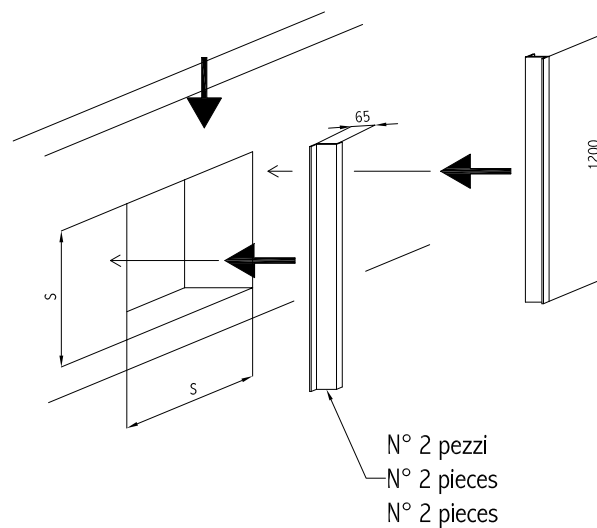
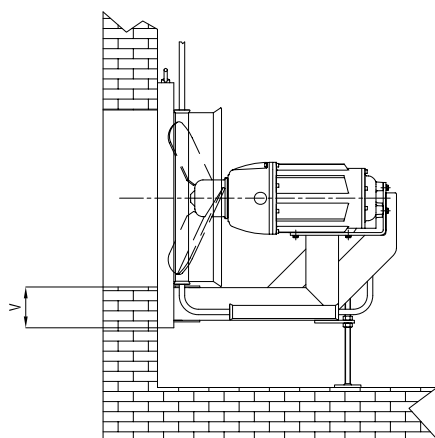
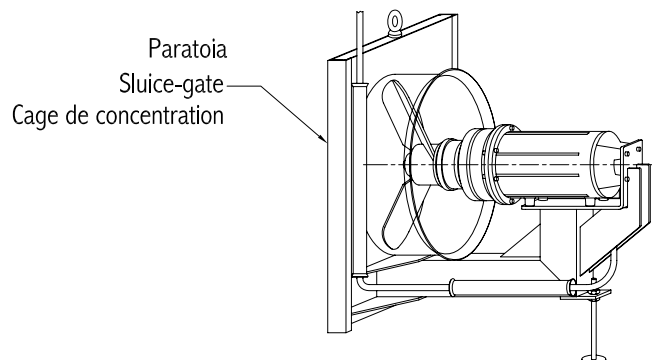


Disponibile Zincata a caldo o in Acciaio Inox
 Available in hot dipped galvanized steel or stainless steel
 Disponible en acier galvanisé ou acier inox

DIMENSIONI INGOMBRO [mm]				OVERALL DIMENSIONS [mm]				DIMENSIONS D'ENCOMBREMENT [mm]							
Per For Pour	ØA	B	C	D	E	F	G	H	L	M	ØN	P	Q	R	U
TBM 5,5/4N	555	800	953	900	350	130	480	60	95	200	12	505	400	884	129
TBM 7,5/4N	620														
TBM 9/4N															
TBM 11/4	740	900	1153	1100	475	155	630		110	230	14	545	450	978	152
TBM 15/4N													471		
TBM 18,5/4N													800		



Tipo Type Type	D [mm]	S [mm]	T [mm]
TBM 5,5/4N	900	600	808
TBM 7,5/4N		650	
TBM 9/4N			
TBM 11/4	1100	800	908
TBM 15/4N			
TBM 18,5/4N		820	



Tipo Type Type	S [mm]	T [mm]	V [mm]
TBM 5,5/4N	600	808	180
TBM 7,5/4N	650		155
TBM 9/4N		908	305
TBM 11/4			230
TBM 15/4N	800		220
TBM 18,5/4N	820		